

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107898.D
 Acq On : 1 Aug 2018 19:22
 Operator : JU/SJ
 Sample : J4238-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVB-4(11.5-12)

Quant Time: Aug 02 00:05:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

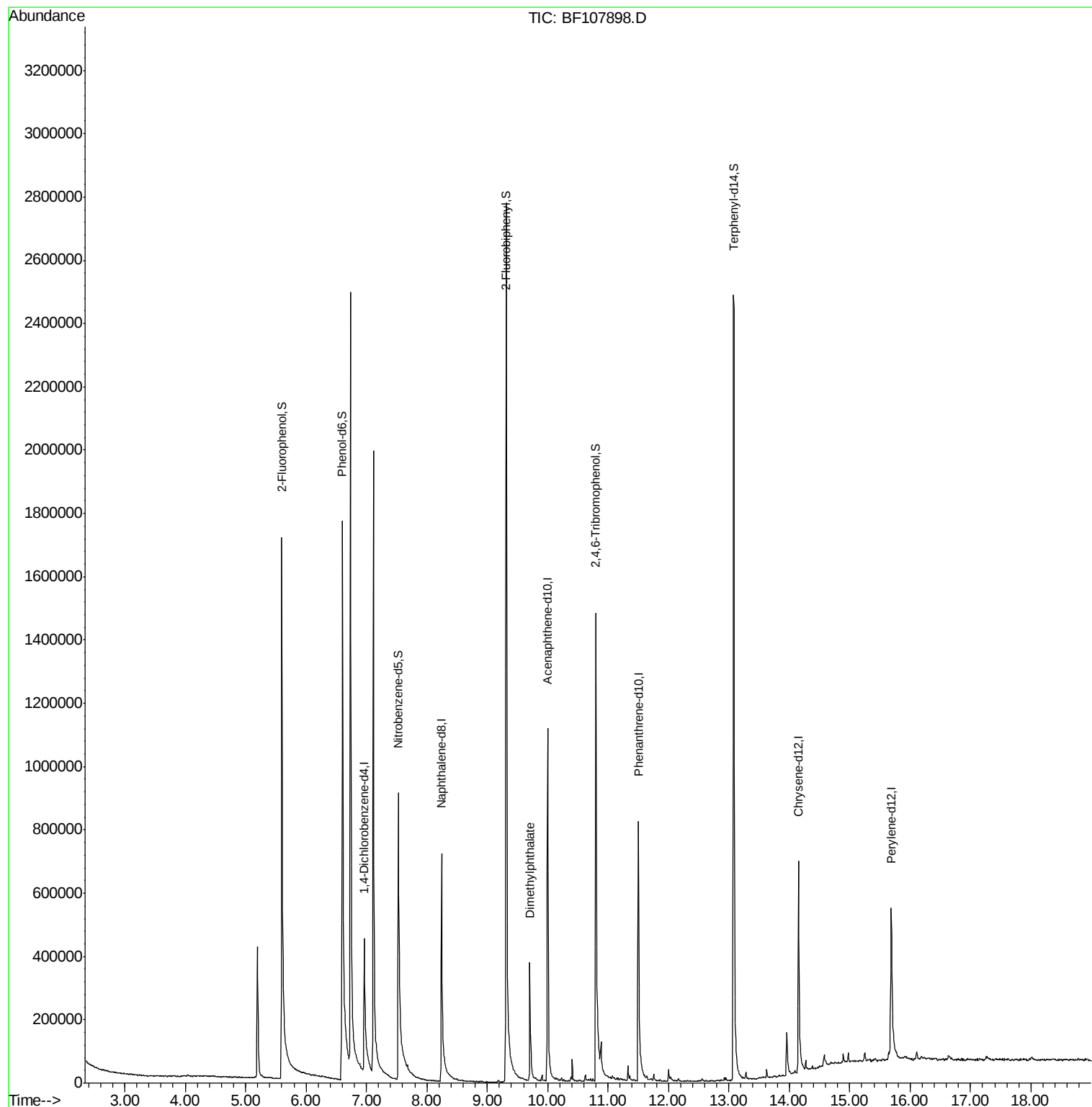
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	136329	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	613795	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	263908	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	535211	20.00	ng	0.00
75) Chrysene-d12	14.15	240	374806	20.00	ng	0.00
86) Perylene-d12	15.69	264	377438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	830835	103.58	ng	0.00
7) Phenol-d6	6.60	99	1010416	95.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	682330	64.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	328520	91.61	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1310234	69.18	ng	0.00
78) Terphenyl-d14	13.08	244	1175024	67.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.71	163	224797	11.342	ng	Qvalue 100

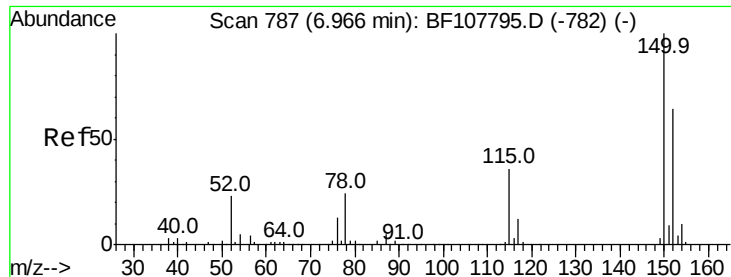
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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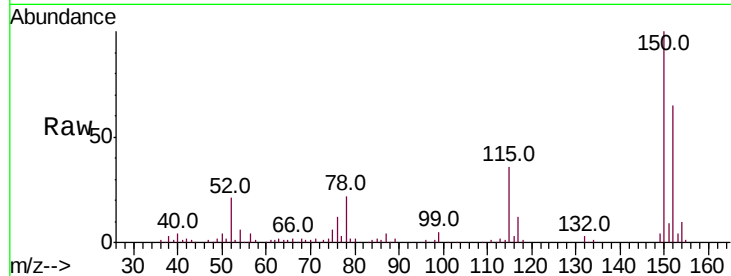


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Instrument :
BNA_F
ClientSampleId :
RVB-4(11.5-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	55.4	50.1	75.1

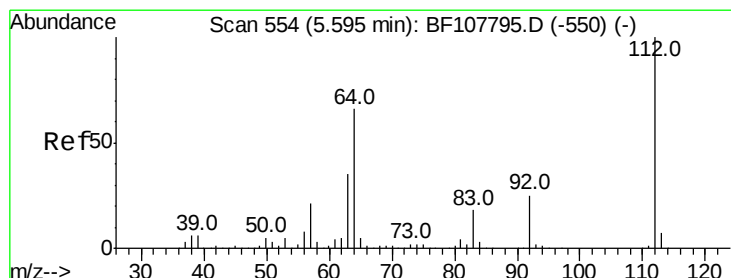
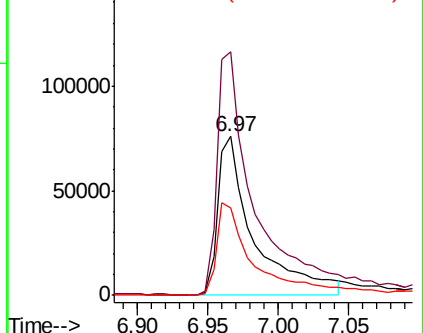
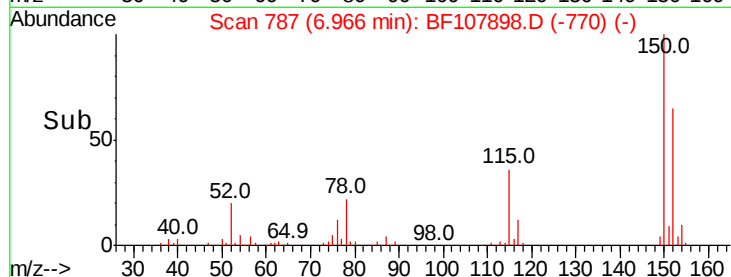


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

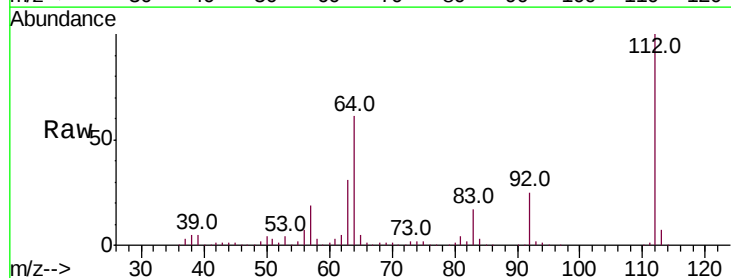
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.576 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	47.9	71.9
63	30.8	23.7	35.5

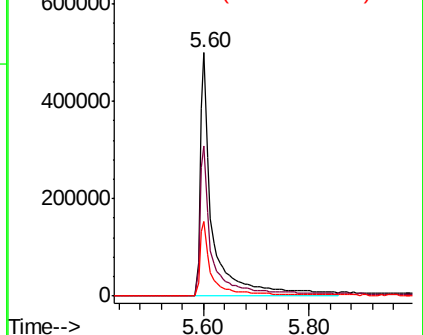
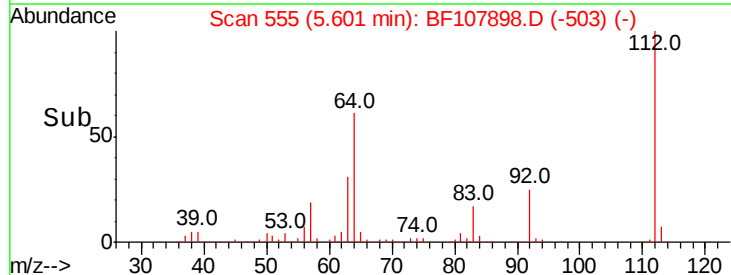


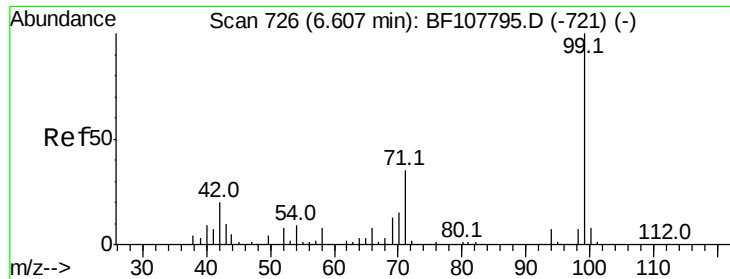
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.576 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107898.D

Acq: 1 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

RVB-4(11.5-12)

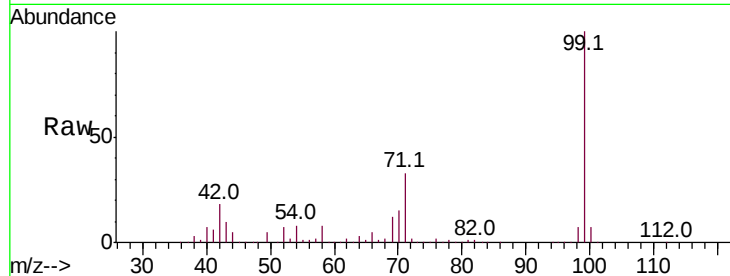
Tot Ion: 99 Resp: 1010416

Ion Ratio Lower Upper

99 100

42 18.1 14.5 21.7

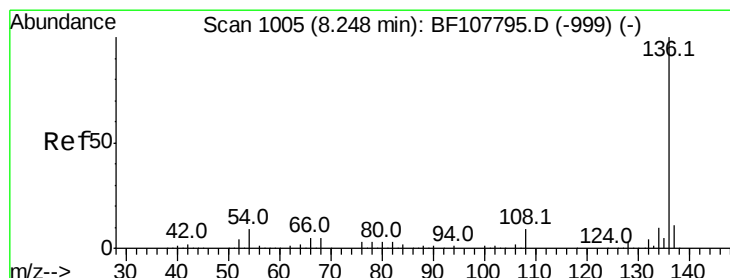
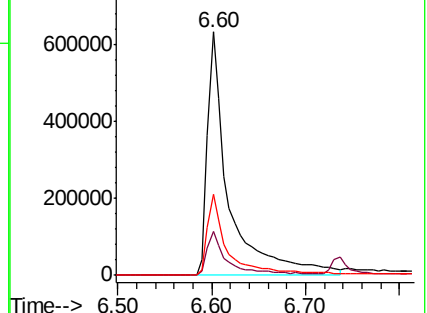
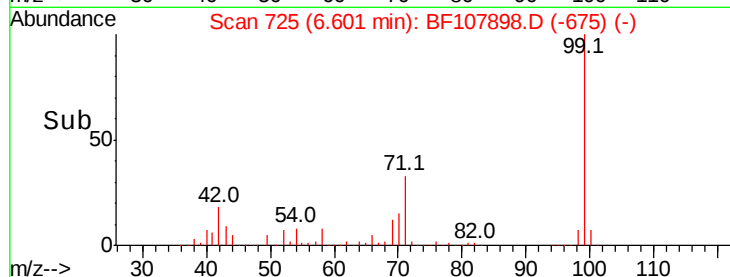
71 33.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF107898.D

Acq: 1 Aug 2018 19:22

Tgt Ion: 136 Resp: 613795

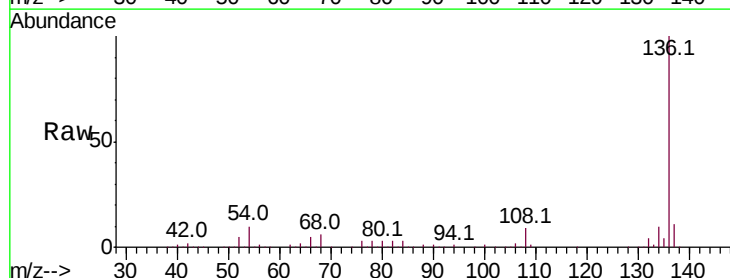
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.8 6.6 9.8

68 6.1 5.0 7.4

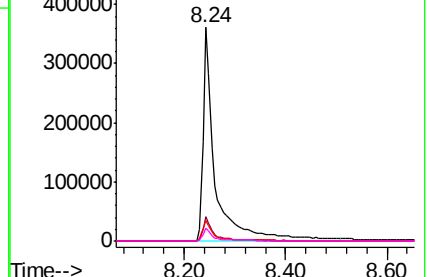
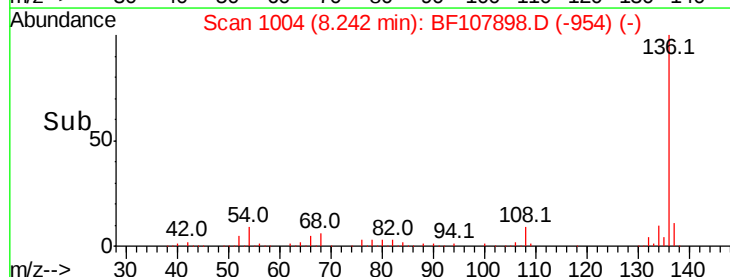


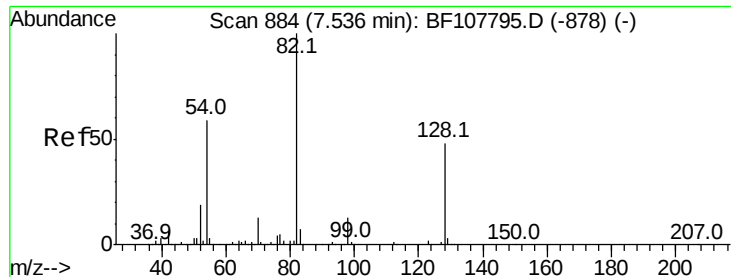
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

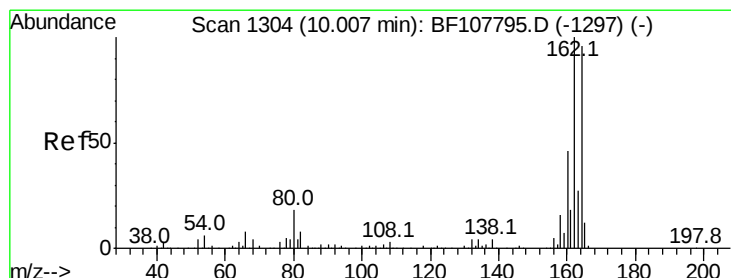
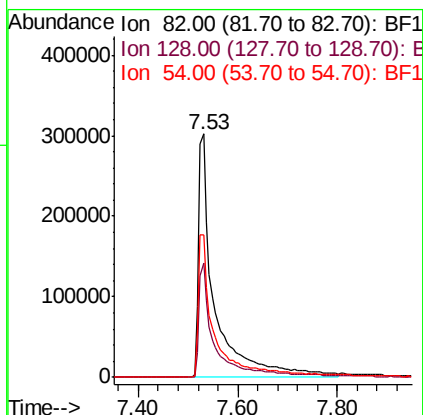
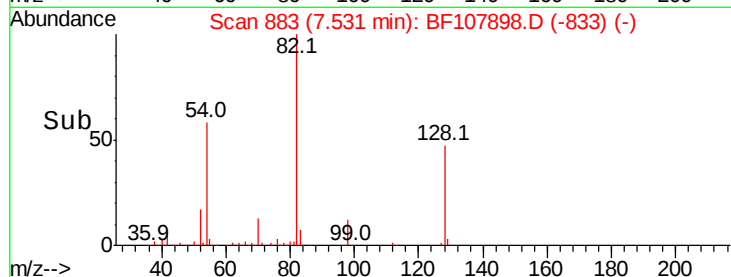
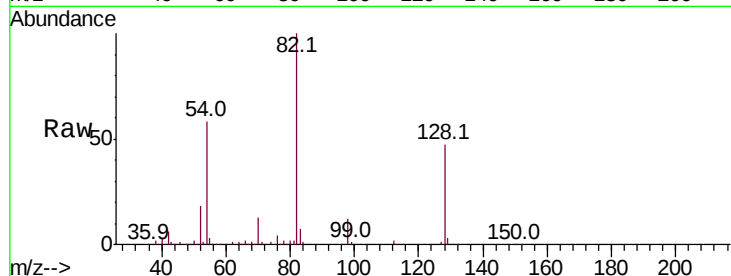




#23
Nitrobenzene-d5
Concen: 64.043 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

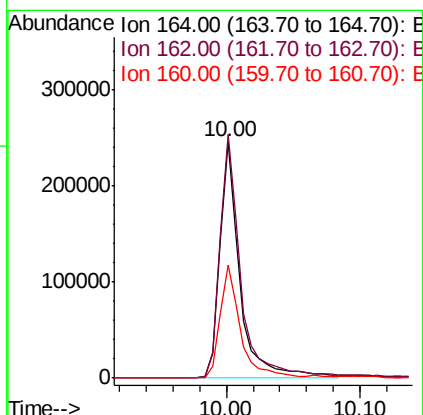
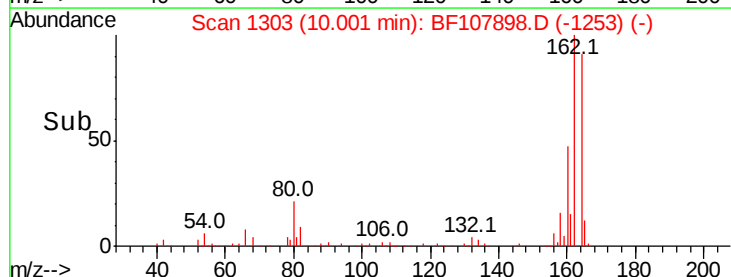
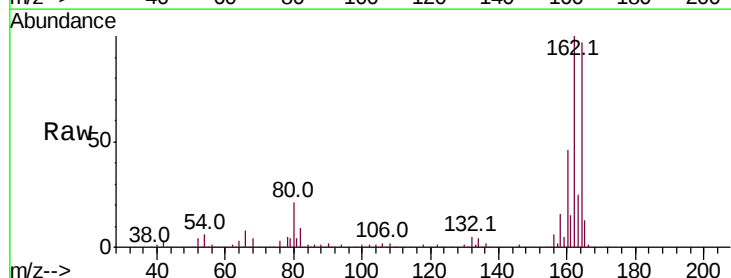
Instrument :
BNA_F
ClientSampleId :
RVB-4(11.5-12)

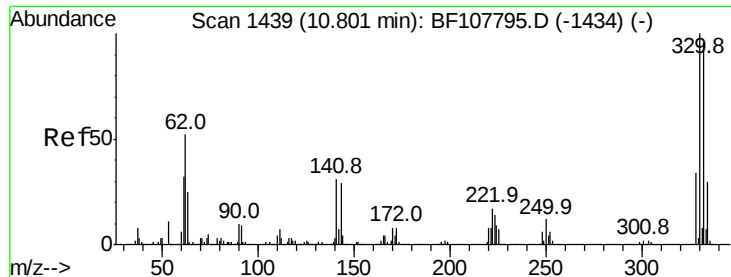
Tot Ion: 82 Resp: 682330
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 58.3 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Tgt Ion:164 Resp: 263908
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 47.7 38.3 57.5

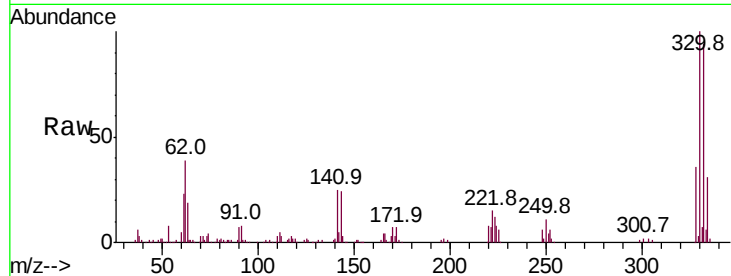




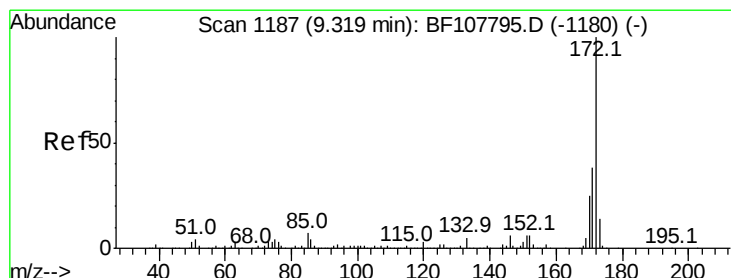
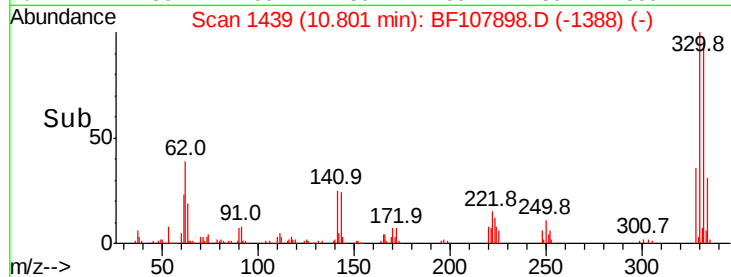
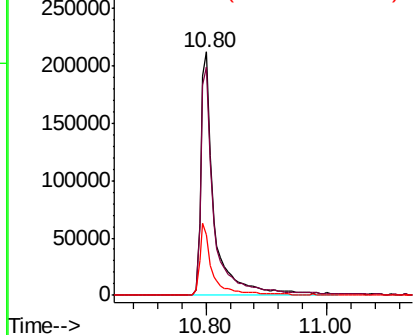
#41
 2,4,6-Tribromophenol
 Concen: 91.612 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107898.D
 Acq: 1 Aug 2018 19:22

Instrument :
 BNA_F
 ClientSampleId :
 RVB-4(11.5-12)

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	28.5	29.9	44.9#

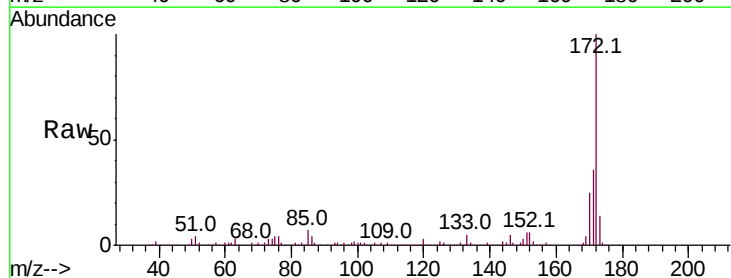


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

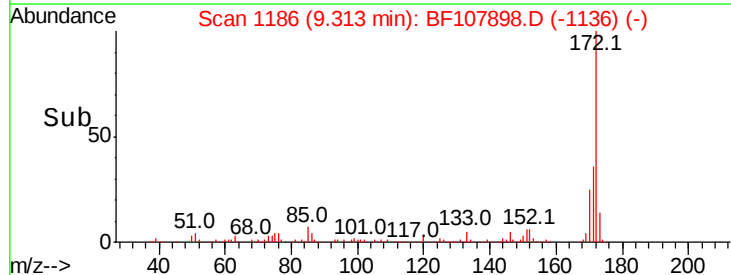
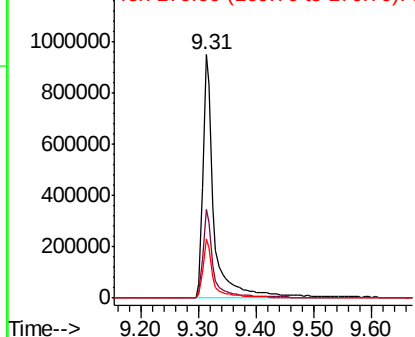


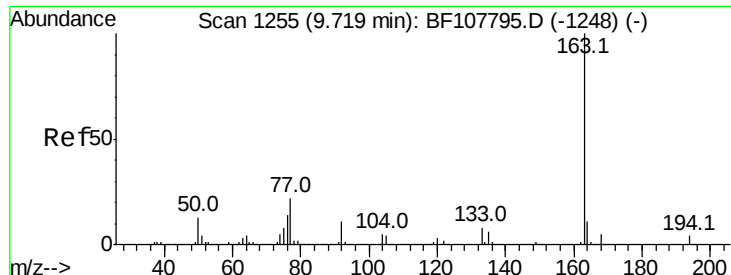
#44
 2-Fluorobiphenyl
 Concen: 69.183 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107898.D
 Acq: 1 Aug 2018 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.5	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

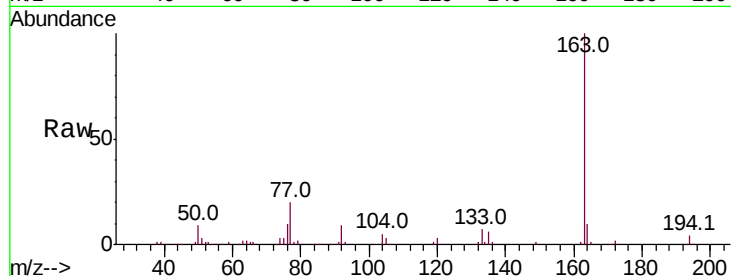




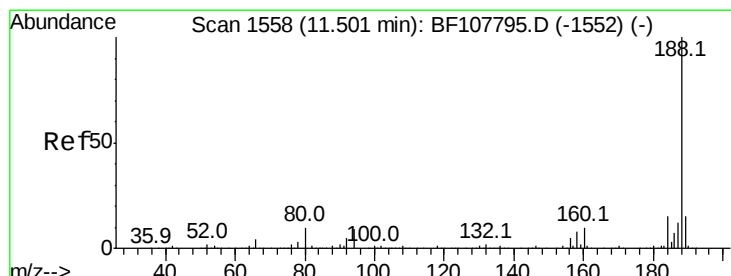
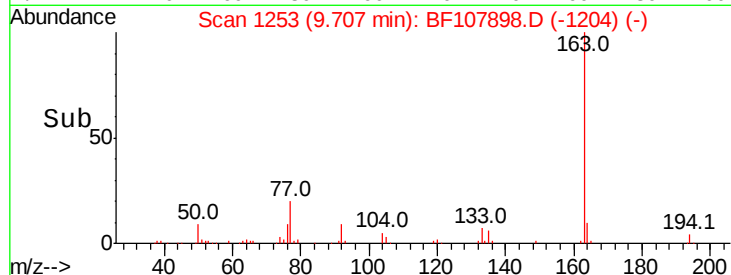
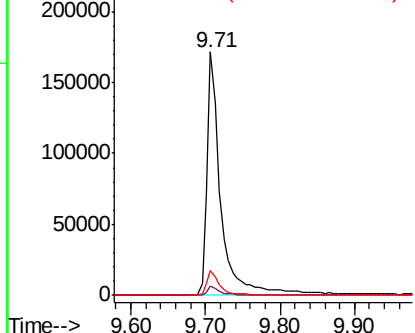
#49
Dimethylphthalate
Concen: 11.342 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Instrument :
BNA_F
ClientSampleId :
RVB-4(11.5-12)

Tot Ion:163 Resp: 224797
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

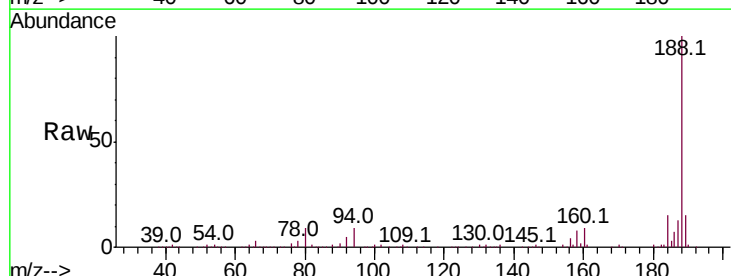


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

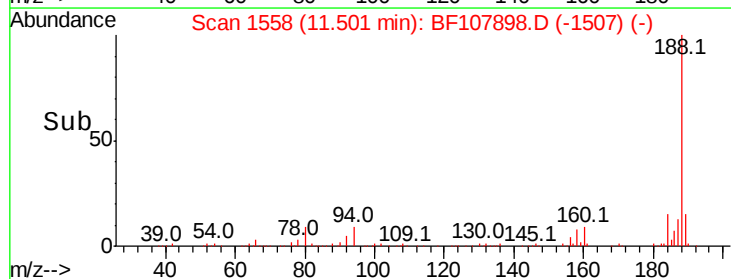
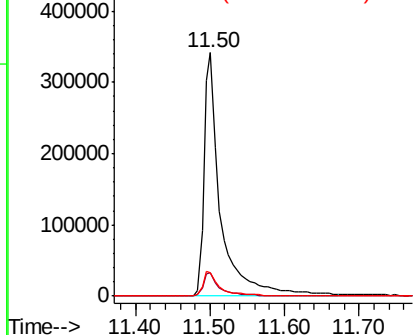


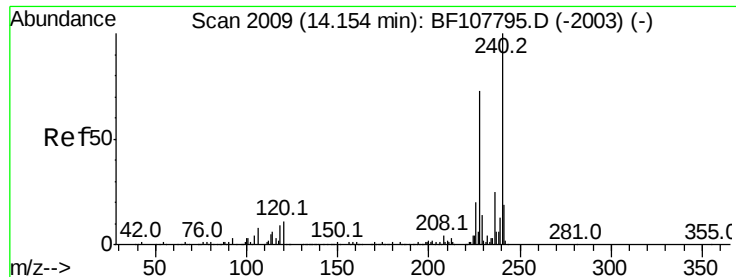
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Tgt Ion:188 Resp: 535211
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.5 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107898.D

Acq: 1 Aug 2018 19:22

Instrument :

BNA_F

ClientSampleId :

RVB-4(11.5-12)

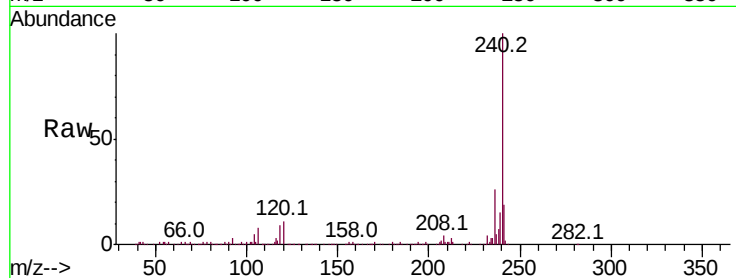
Tot Ion:240 Resp: 374806

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.1	20.7	31.1

240 100

120 11.0 9.5 14.3

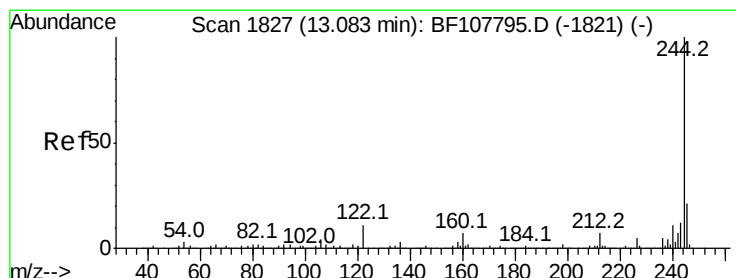
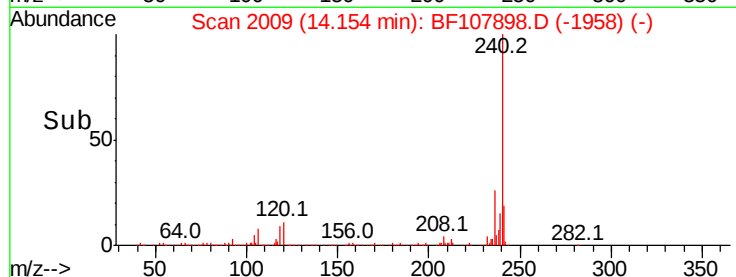
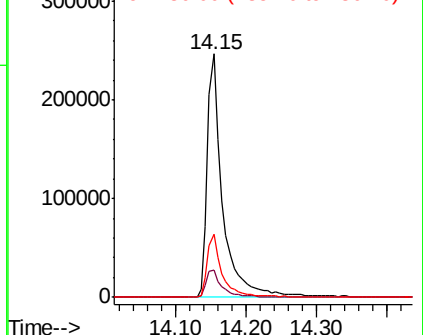
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 67.981 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF107898.D

Acq: 1 Aug 2018 19:22

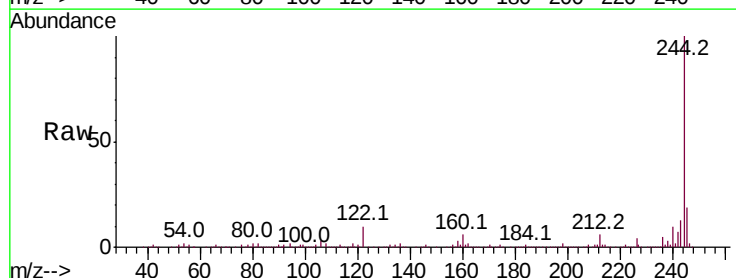
Tgt Ion:244 Resp: 1175024

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.7	11.0	16.4

244 100

212 6.2 5.4 8.0

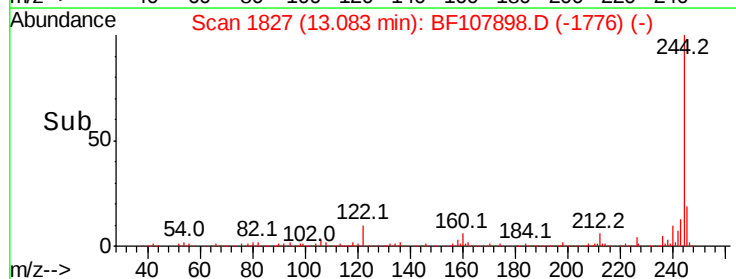
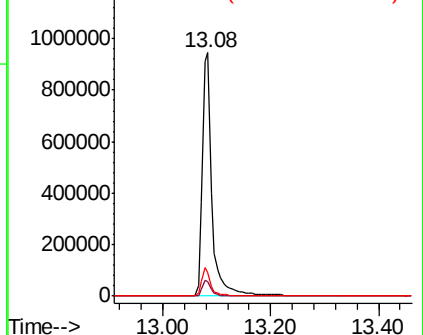
122 9.7 11.0 16.4

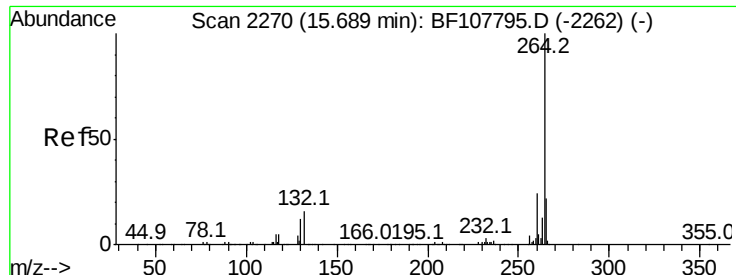


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

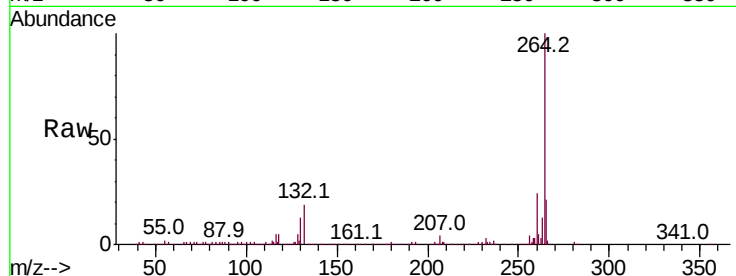




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107898.D
Acq: 1 Aug 2018 19:22

Instrument :
BNA_F
ClientSampleId :
RVB-4(11.5-12)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.9	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

